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PTO/SB/05 (08-03)

Approved for use through 7/31/2006. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCEUTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53 (b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and duplicate for fee processing)
2. Specification [Total Pages: 32]
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed-sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Descriptions of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawings (35 U.S.C. 113) [Total Sheets: 11]
4. Oath or Declaration [Total Pages:]
 - a. Newly executed (original or copy)
 - b. Copy from prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 16 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

Attorney Docket No.: 102.0027

First Named Inventor or Application Identifier: Julian R. Cudmore, et al.
Title: System and Method for Optimizing Production in an Artificially Lifted Well

Express Mail Label No.: EV 335954434 US

ADDRESS TO:
Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

5. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment papers (cover sheet & document(s))
8. 37 C.F.R. 3.73(b) Statement Power of Attorney (when there is an assignee)
9. English Translation Document (if applicable)
10. Information Disclosure Copies of IDS Statement (IDS)/Form 1449 Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. Nonpublication Request under 35 U.S.C.122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
15. Other: _____

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ / _____
Prior application information: Examiner: _____ Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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NAME				
Schlumberger Technology Corporation, Schlumberger Reservoir Completions				
ADDRESS				
14910 Airline Road				
P.O. Box 1590				
CITY	Rosharon	STATE	Texas	ZIP CODE
COUNTRY	U.S.	TELEPHONE	(281) 285-5720	FAX
Name (Print/Type)	Jeffrey E. Griffin		Registration No. (Attorney/Agent): 36,534	
Signature				Date: February 3, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

22390 U.S.PTO
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FEE TRANSMITTAL For FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

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1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 50-2475 Deposit Account Name Schlumberger Technology Corp.		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for response within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for response within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for response within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petition to Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>760</td><td>246</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>760</td><td>249</td><td>380</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="4">Other fee (specify)</td><td colspan="2"></td></tr> <tr><td colspan="4">Other fee (specify)</td><td colspan="2"></td></tr> <tr> <td colspan="4"></td> <td colspan="2">SUBTOTAL(3) \$0</td> </tr> <tr> <td colspan="6">*Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="6">SUBMITTED BY</td> </tr> <tr> <td colspan="2">Typed or Printed Name</td> <td colspan="3">Jeffrey E. Griffin</td> <td>Complete (if applicable)</td> </tr> <tr> <td colspan="2"></td> <td colspan="3"></td> <td>Reg. 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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Julian R. Cudmore, et al.

Attorney Docket No.: 102.0027

Serial No.:

Art Unit:

Filed:

Examiner:

For: **System and Method for Optimizing Production in an Artificially Lifted Well**

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CERTIFICATE OF MAILING

I hereby certify that these **Drawings** (11 sheets) are being deposited with the United States Postal Service as Express Mail No. EV 335954434 US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Rhonda J. Smith
Rhonda J. Smith

February 3, 2004
Date

Rhonda J. Smith
Schlumberger Technology Corporation
14910 Airline Road
Rossharon, Texas 77583-1590

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